

Ineos T00G-00 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

This is a fractional MFR polypropylene impact copolymer designed for the roofing membrane market. Its blend of impact resistance and flexural modulus is designed to provide an excellent balance between processing and performance. This meets FDA requirements of 21CFR 177.150(c), 3.4. Applications Reinforced Roofing membrane Benefits Good toughness Flexibility Good MD and TD tear strength Good and consistent processability Wind resistance Good weldability Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-T00G-00-Polypropylene-Impact-Copolymer.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|------------|
| Melt Flow | 0.60 g/10 min @Load 2.16 kg, Temperature 230 Å°C | 0.60 g/10 min @Load 4.76 lb, Temperature 446 Å°F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------------|--------------------------------------|------------------------------------|-----------------------------|
| Hardness, Shore D | 52 | 52 | Instantaneous; ASTM D2240 |
| Tensile Strength, Yield | 8.96 MPa @Temperature 23.0 Å°C | 1300 psi @Temperature 73.4 Å°F | ASTM D638 |
| Elongation at Break | >= 300 % | >= 300 % | ASTM D638 |
| Flexural Modulus, 1% Secant | 172 MPa @Temperature 23.0 Å°C | 25000 psi @Temperature 73.4 Å°F | 0.05 in/min test speed |
| Izod Impact, Notched | NB @Temperature 23.0 Å°C | NB @Temperature 73.4 Å°F | 1/8" notched bar; ASTM D256 |

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